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ATTY. DOCKET NO.

SERIAL NO.

PM-6909-B

09/634,287

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FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

PN		Mankin et al., 1970, J. Bone Joint Surg. 52A, 424-434.
		Paulson et al. 1987, Biochem. J., 245, 763-772.
		Hardingham et al. 1972, Biochem. Biophys. Acta, 279, 401-405.
		Heinegard et al. 1974, J. Biol. Chem., 249, 4250-4256.
		Hardingham, T. E., 1979, Biochem. J., 177, 237-247.
		Flannery et al. 1992, J. Biol. Chem., 267, 1008-1014.
		Sandy et al. 1992, J. Clin. Invest., 69, 1512-1516.
		Lohmander et al. 1993, Arthritis Rheum., 36, 1214-1222.
		Sandy et al. 1991, J. Biol. Chem. 266, 8198.
		Sandy et. al. 1991, J. Biol. Chem. 266, 8683-8685.
		Loulakis et al. 1992, Biochem. J., 284, 589-593.
		Ilic et al. 1992, Arch. Biochem. Biophys., 294, 115-122.
		Lark et al. 1995, J. Biol. Chem., 270, 2550-2556.
		Fosang et al. 1992, J. Biol. Chem., 267, 19470-19474.
		Fosang et al. 1993, Biochem J. 295, 273-276.
		Fosang et al. 1996, FEBS Lett. 380, 17-20.
		Flannery et al. 1993, Orthop. Trans. 17, 677.
		Sandy et al. 1995, Acta Orthop Scand, (Suppl. 266) 66, 26-32.
		Fosang et al. 1994, Biochem. J., 305, 347-351.

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

PN		Walder et al, 1986, Gene 42, 133
		Bauer et al. 1985, Gene 37, 73
		Kunkel, 1985, Proc. Natl. Acad. Sci, USA, 82, 488.
		Kunkel et al., 1987, Methods in Enzymol. 154, 367.
		Mark et al, 1984, Proc. Natl. Acad. Sci, 18, 5662.
		Hopp et al., 1988, Bio/Technology, 6, 1204.
		Larsen et al., 1988, J. Biol. Chem, 263, 1023.
		Hansen et al., 1988, J. Biol. Chem, 263, 15713
		Larsen et al, 1989, Blood, 73, 1842.
		Ashkenazi et al, 1991, PNAS 88, 10535.
		Byrn et al, 1990, Nature, 344, 677-670.
		Chang et al, 1978, Nature, 275, 617-624.
		Goeddel et al, 1979, Nature, 281, 544.
		Goeddel et al, 1980, Nucl. Acids Res. 8, 4057.
		Maniatis, 1982, Molecular Cloning: A Lab. Manual, Cold Spring Harbor Lab., 412.
		Hitzeman et al, 1980, J. Biol. Chem, 255, 12073.
		Hess et al. 1968, J. Adv. Enzyme Reg. 7, 149.
		Holland et al. 1978, Biochem. 17, 4900.

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09/634,287

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DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

PN		Fleer et al, 1991, Gene 107, 285-95.
		van den Berg et al., 1990, Bio/Technology, 8, 135-139
		Russell et al, 1982, J. Biol. Chem, 258, 2674.
		Beier et al, 1982, Nature, 300, 724.
		Hinnen et al, 1978, Proc. Natl. Acad. Sci, 75, 1929.
		Gluzman et al, 1981, Cell, 23, 175-182.
		McMahan et al, 1991, EMBO J. 10, 2821.
		Luckow & Summers, 1988, Bio/Technology, 6, 47, 20.
		Fiers et al, 1978, Nature, 273, 113.
		Urdal et al, 1984, J. Chromatog, 2K, 171.
		Stein & Cohen, 1988, Cancer Res. 48, 2659.
		van der Krol et al., 1988, BioTechniques, 6, 958.
		Hughes et al, 1995, J. Biochem., 306, 799-804.
		Scatchard et al, 1949, Ann. N.Y. Acad. Sci, 51, 660.
		Hascall et al, 1969, J. Biol. Chem., 244, 2384-2396.
		Kuno et al, 1997, J. Biol. Chem. 272, 556-562.
		Arner et al., 1997, J. Biol. Chem, 272 (14), 9294-9299
		Kuno et al., 1997, J. Biol. Chem, 272, (1), 556-562
		EMBL/Genbank Databases Accession no D45652, Sequence reference HSG02848 11 February 1995, Kohichi I. "An expression profile of active genes in human lung."
		EMBL/Genbank Databases Accession no W81870, Sequence reference MM87036 27 June 1996, Marra M. et al. "The WasU-HHMI Mouse EST Project."

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Application Number	09/634,287
Filing Date	AUGUST 9, 2000
First Named Inventor	ARNER
Group Art Unit	1652
Examiner Name	R. Hutson
Attorney Docket Number	DM-6909-B

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

PN	AR	J D SANDY, J WESTLING, R D KENAGY, M L IRUELA-ARISPE, C VERSCHAREN, J C RODRIGUEZ-MAZANEQUE, D R ZIMMERMANN, J M LEMIRE, J W FISCHER, T N WIGHT, and A W CLOWES "Versican V1 Proteolysis in Human Aorta in Vivo Occurs at the Glu441-Ala442 Bond, a Site That Is Cleaved by Recombinant ADAMTS-1 and ADAMTS", J. Biol. Chem., Vol. 276, (16): 13372-13378, April 20, 2001
PN	AS	M A. PRATTA, M D. TORTORELLA, AND E C ARNER "Age-related Changes in Aggrecan Glycosylation Affect Cleavage by Aggrecanase" J. Biol. Chem. 275 (50): 39096-39102. December 15, 2000
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